

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118461.D
 Acq On : 3 Jan 2020 15:09
 Operator : JU
 Sample : PB125813BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BL

Quant Time: Jan 04 00:33:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66874	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	263529	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	181594	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	360676	20.00	ng	0.00
76) Chrysene-d12	14.04	240	229384	20.00	ng	0.00
87) Perylene-d12	15.54	264	194494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	547558	139.77	ng	0.02
7) Phenol-d6	6.49	99	713730	146.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	449081	97.47	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	317130	141.41	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1118725	94.04	ng	-0.01
79) Terphenyl-d14	12.98	244	1423981	102.99	ng	0.00

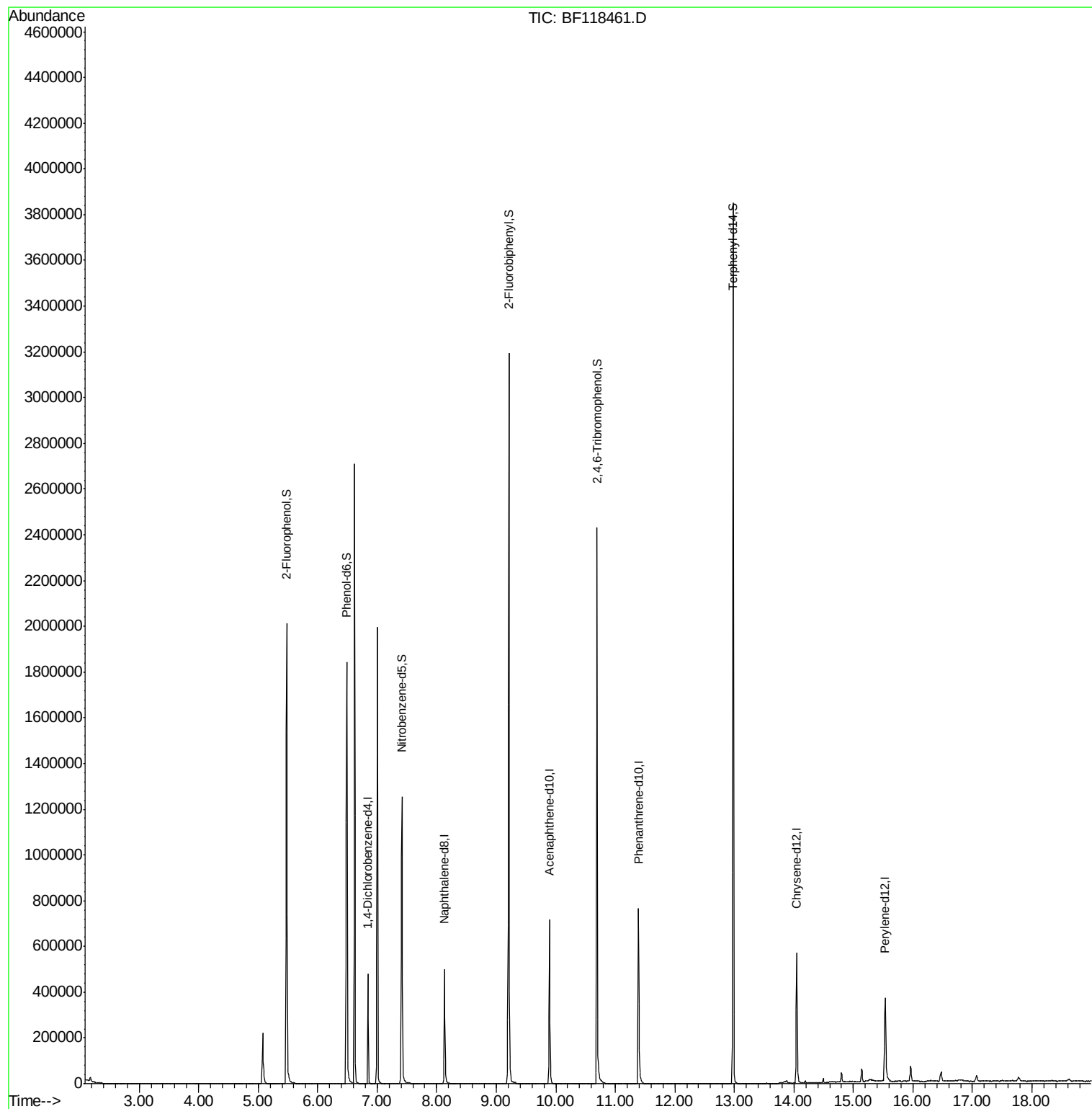
Target Compounds Qvalue

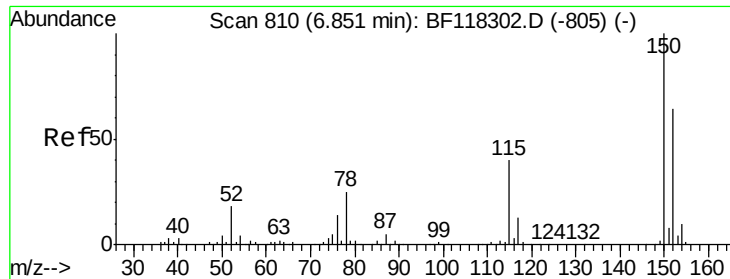
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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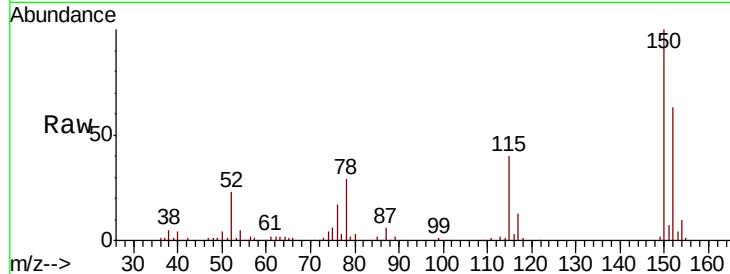


#1

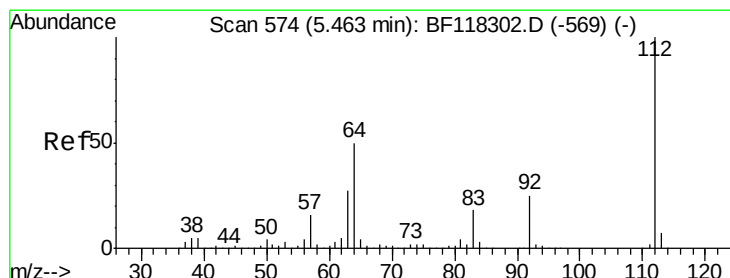
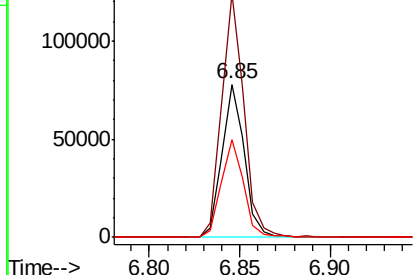
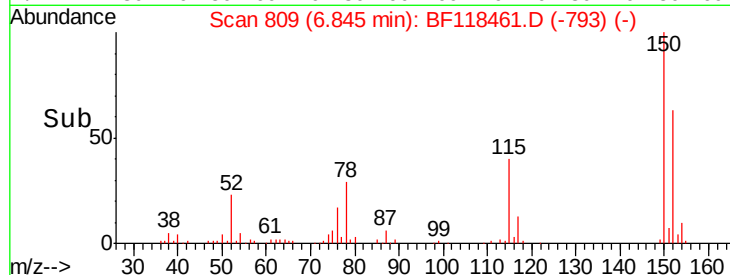
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BL

Tot Ion:152 Resp: 66874
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.4 188.2
 115 64.2 50.2 75.4



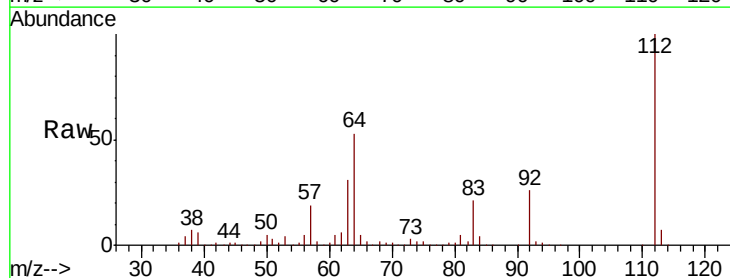
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



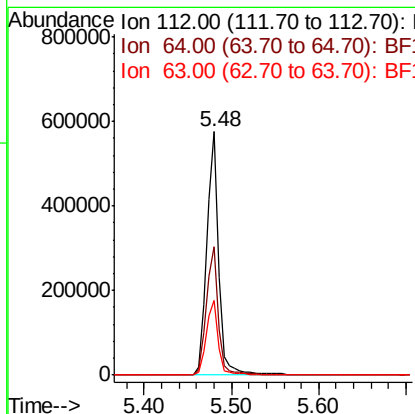
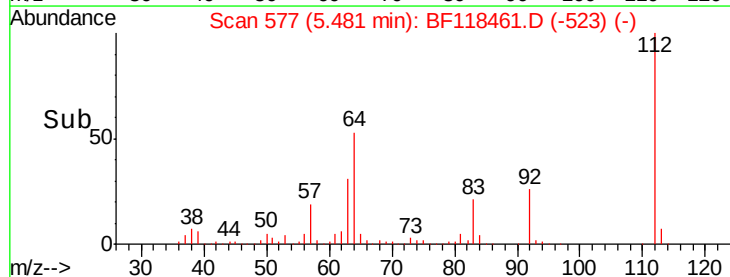
#5

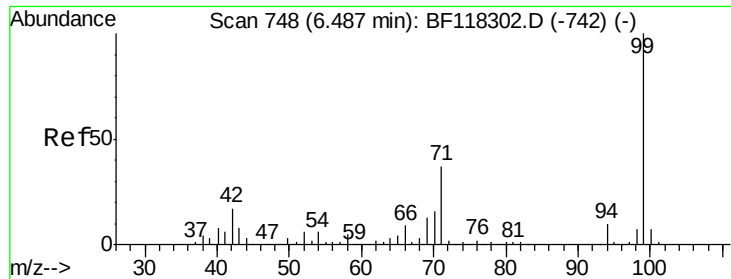
2-Fluorophenol
 Concen: 139.767 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion:112 Resp: 547558
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.7 59.5
 63 30.9 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 146.859 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

Instrument :

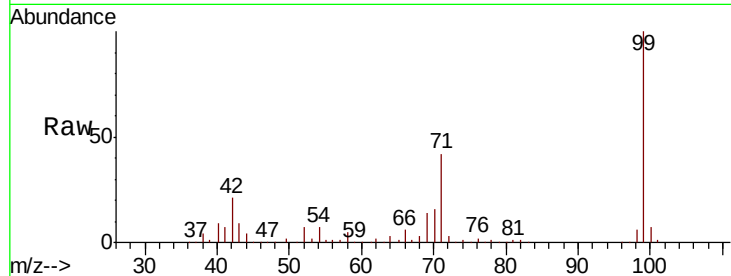
BNA_F

ClientSampleId :

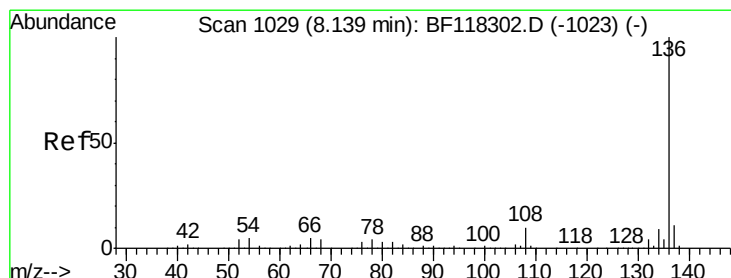
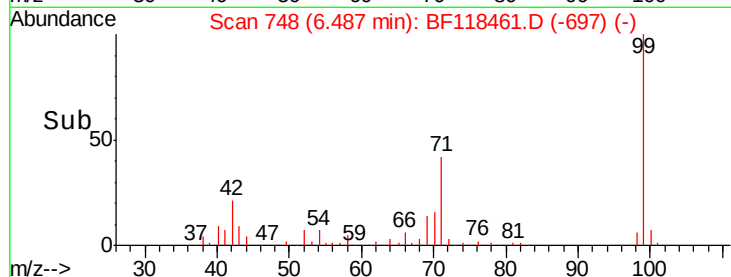
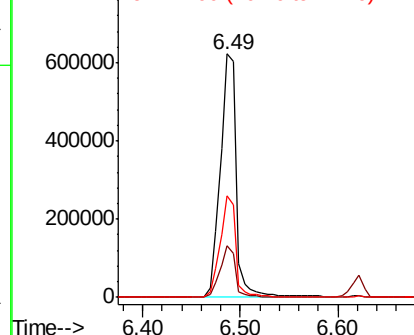
PB125813BL

Tot Ion: 99 Resp: 713730

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	41.8	29.4	44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

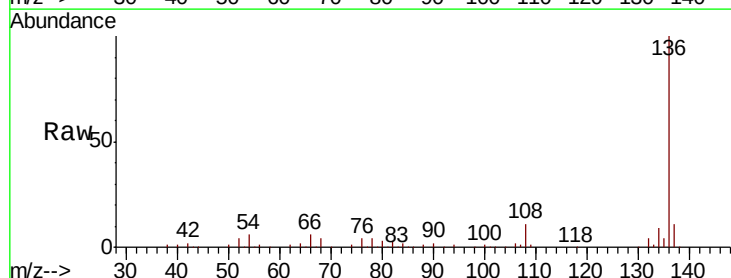
Delta R.T. -0.01 min

Lab File: BF118461.D

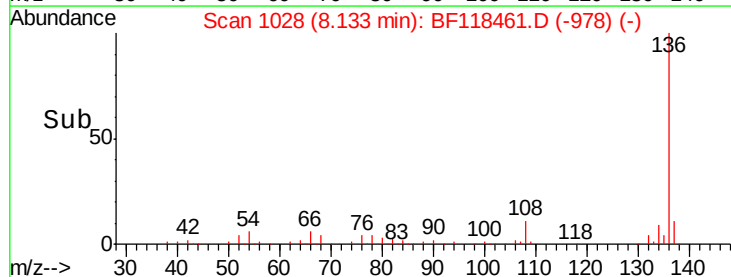
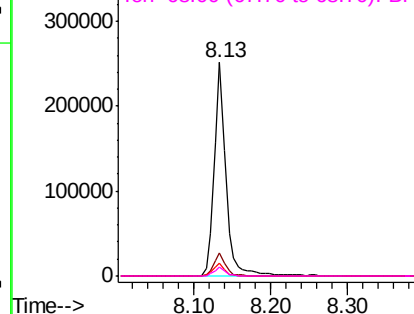
Acq: 3 Jan 2020 15:09

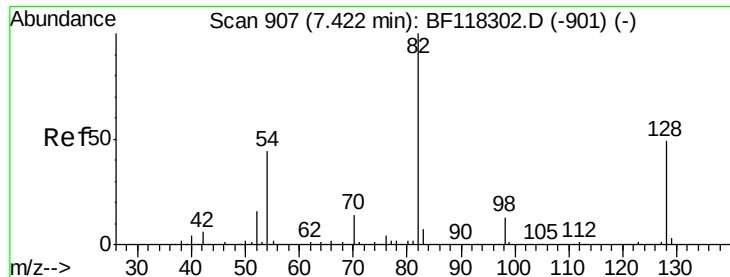
Tgt Ion: 136 Resp: 263529

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	4.2	6.4
68	4.5	3.5	5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

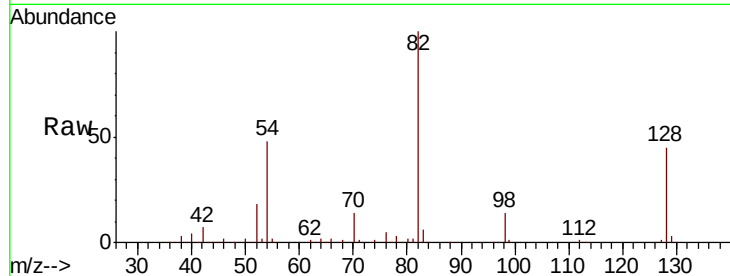




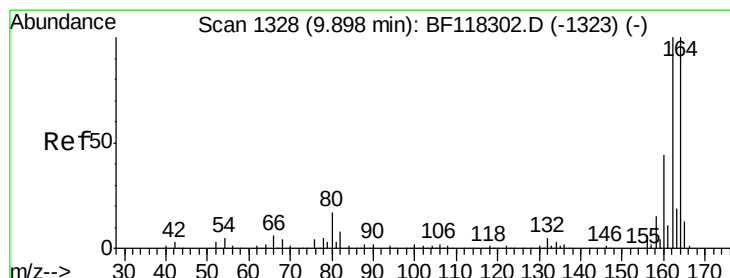
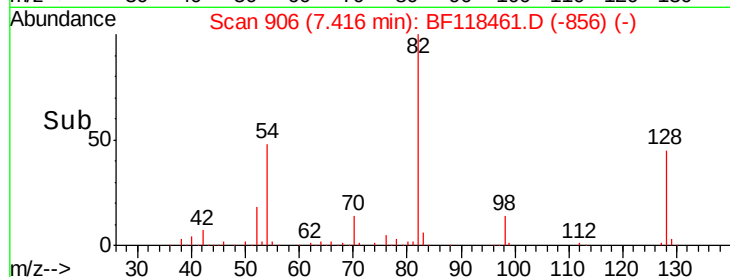
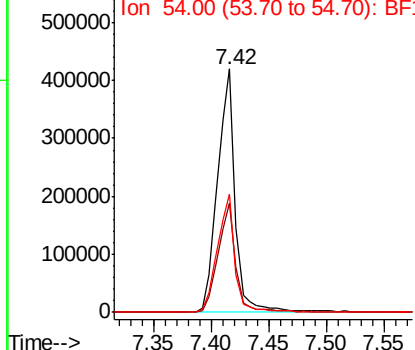
#23
 Nitrobenzene-d5
 Concen: 97.466 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB125813BL

Tot Ion: 82 Resp: 449081
 Ion Ratio Lower Upper
 82 100
 128 45.1 39.6 59.4
 54 48.3 34.9 52.3

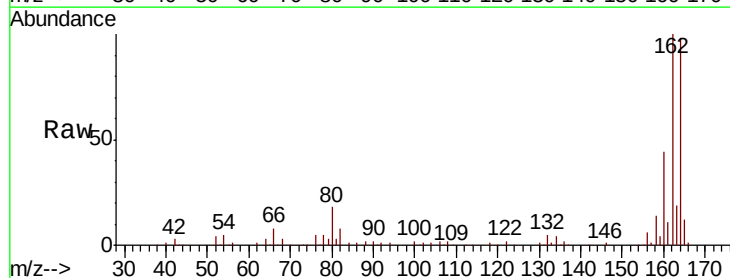


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

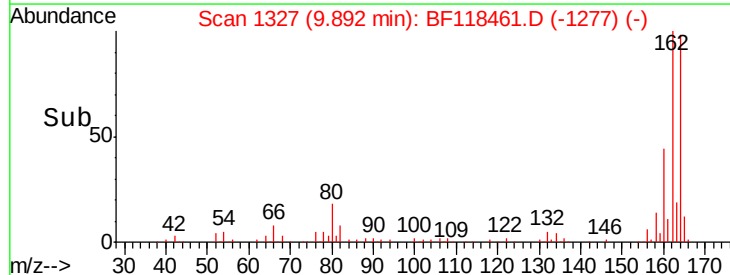
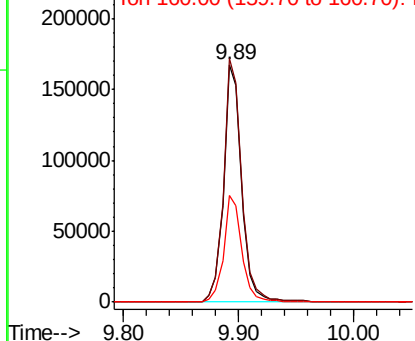


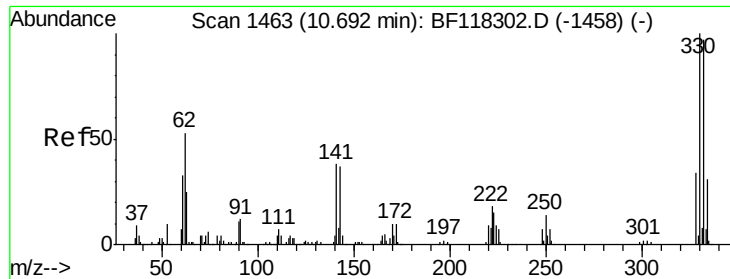
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion: 164 Resp: 181594
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.0 120.0
 160 45.2 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

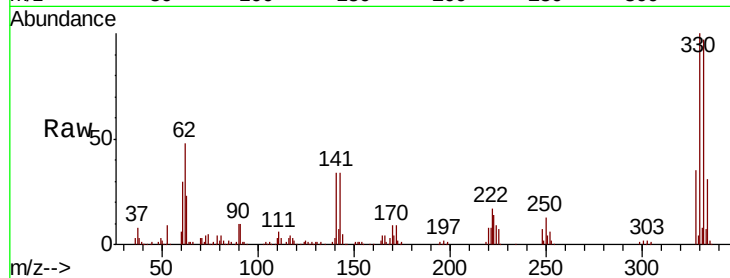




#42
 2,4,6-Tribromophenol
 Concen: 141.415 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	33.3	26.0	39.0

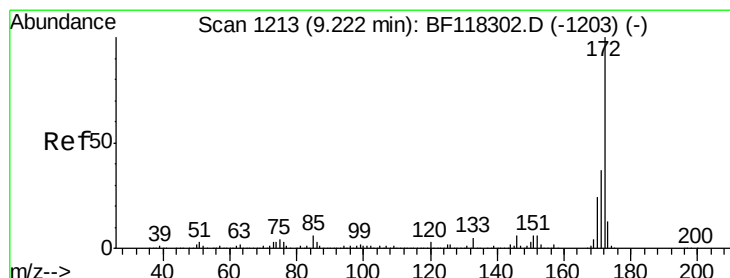
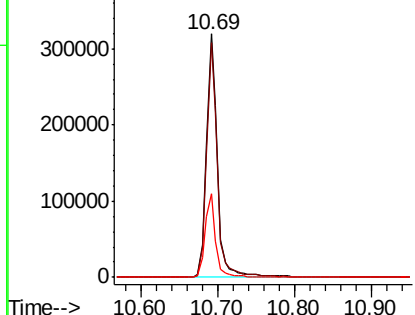
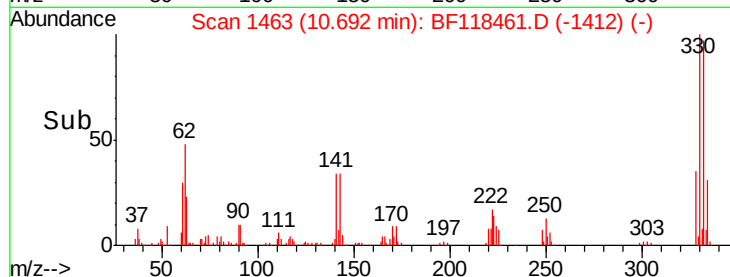


Abundance

Ion 329.80 (329.50 to 330.50): E

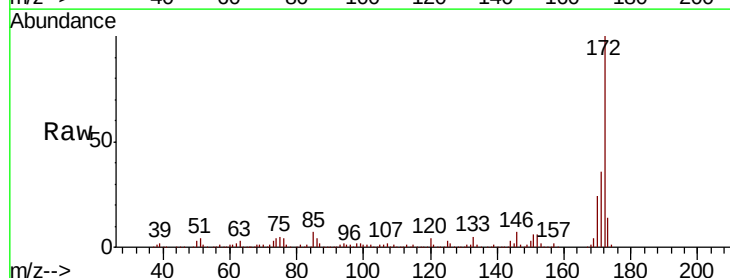
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.040 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.1	19.2	28.8

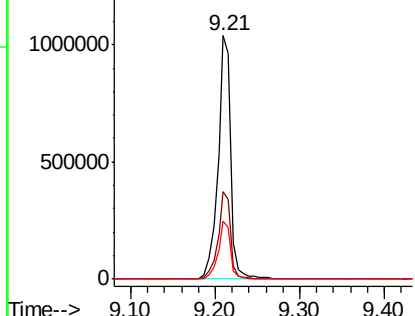
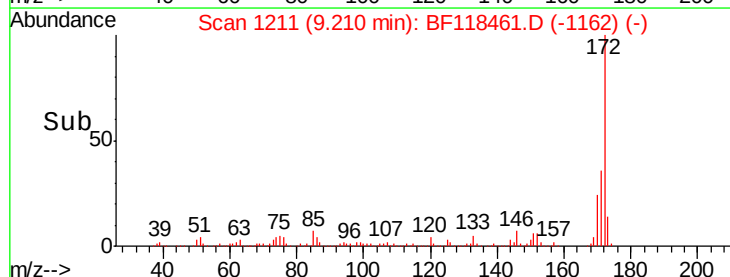


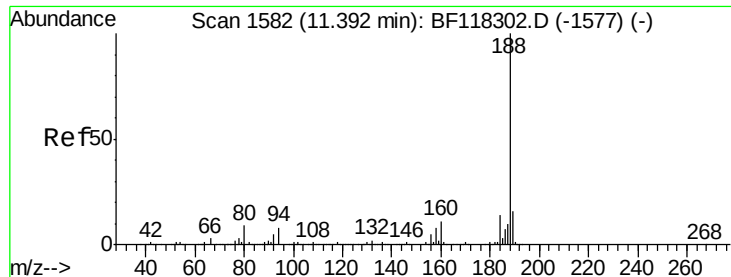
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

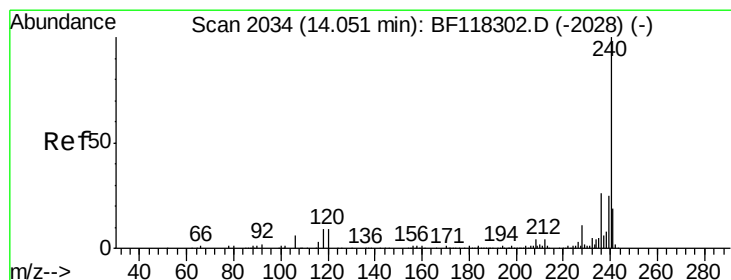
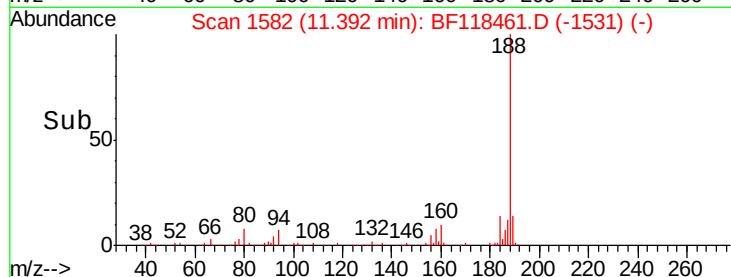
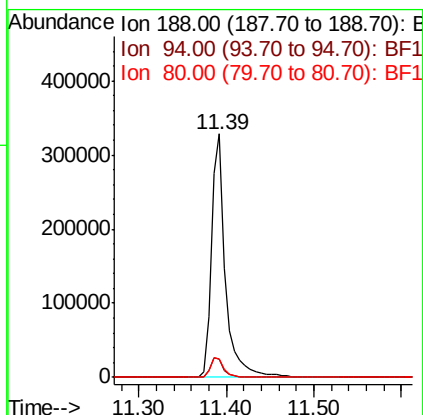
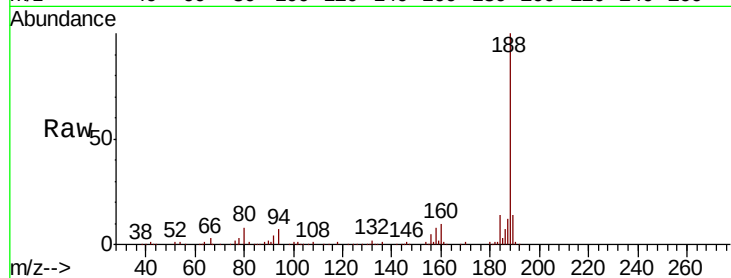




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

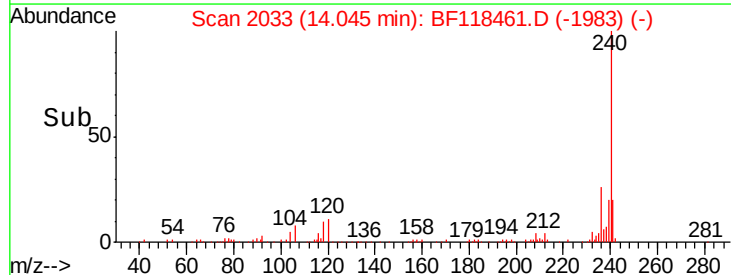
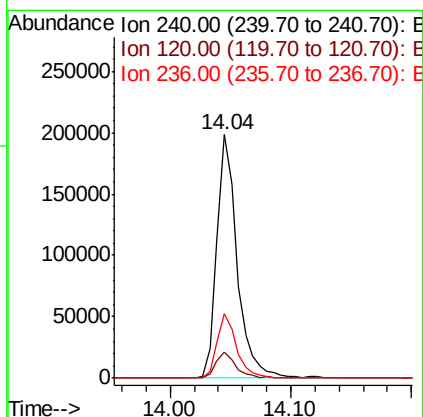
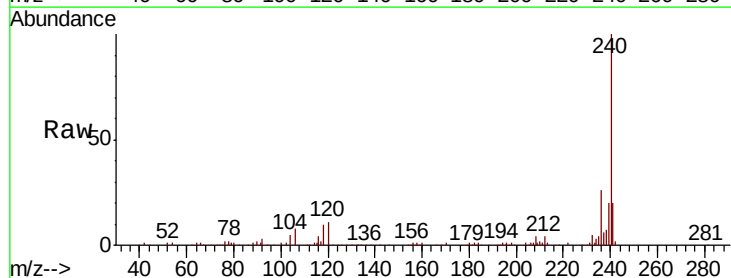
Instrument :
BNA_F
ClientSampleId :
PB125813BL

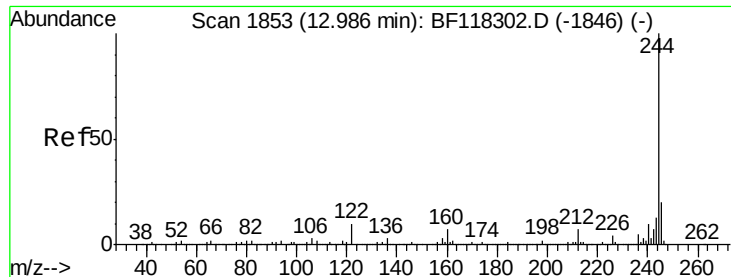
Tot Ion:188 Resp: 360676
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 7.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Tgt Ion:240 Resp: 229384
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.2 21.0 31.6





#79

Terphenyl-d14

Concen: 102.990 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB125813BL

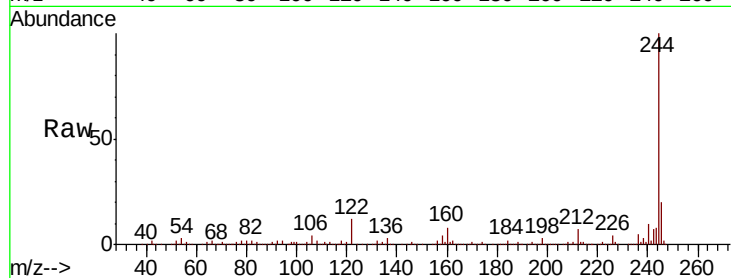
Tot Ion:244 Resp: 1423981

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

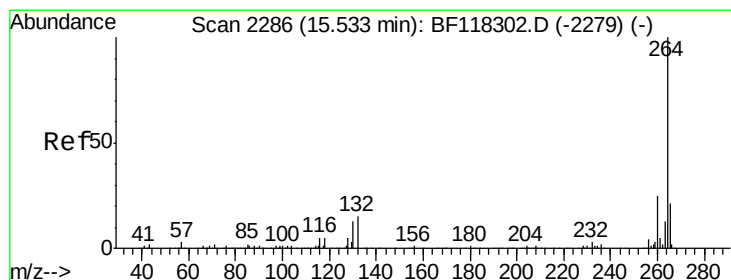
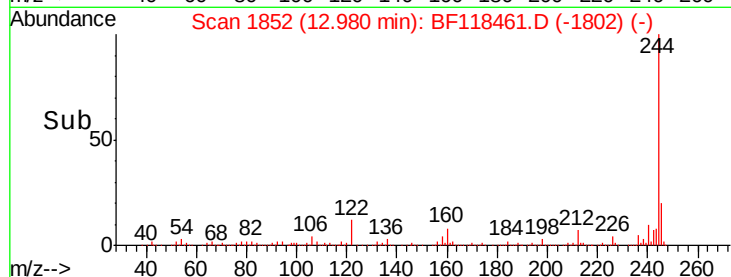
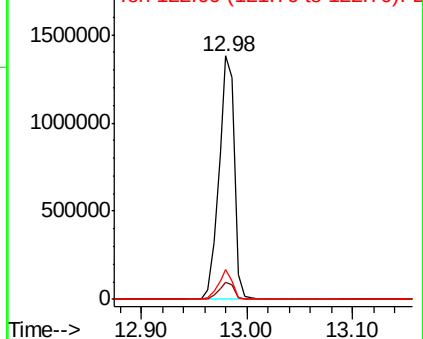
122 12.5 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

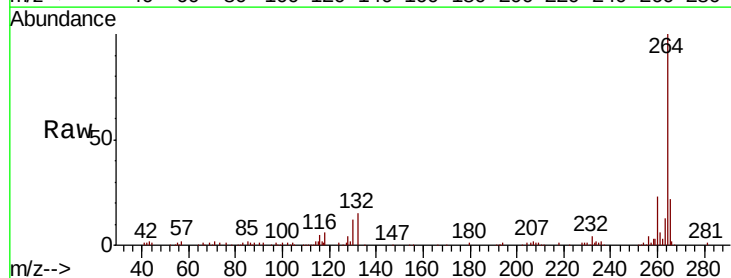
Tgt Ion:264 Resp: 194494

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 22.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

